

ABSTRACT OF THE DISCLOSURE

The apparatus comprises a submerged entry nozzle (6) having outlets in the main casting plane (P) which differ in their direction of output and fall within two categories (7, 8). The nozzle is associated with two inductors (14, 15) opposite each other on each broad face (22) of the casting mold forming a gap which surrounds the nozzle and produces a traversing magnetic field covering the outlets of at least one category (7). Elements are provided for adjusting the intensity of the field or for moving it so as to be able to change the distribution between the outlets of the total flow of molten metal. Implementing the invention makes it possible to adjust at any time that fraction of the metal flow which is directed toward the free surface (9) with respect to that, main, fraction directed toward the bottom of the mold.